

SEQUENCE LISTING

<110> ENDOCUBE SAS
CENTRE NATIONAL DE LA RECHERCHE SCIENTIQUE - CNRS
UNIVERSITY OF OSLO
GIRARD, Jean-Philippe
AGUILAR, Luc
ERARD, Monique
HARALDSEN, Guttorm
BAEKKEVOLD, Espen
VAEGER, Marjan
BRANDTZAEG, Per

<120> NF-HEV COMPOSITIONS AND METHODS OF USE

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<151> 2002-12-19

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<223> synthetic oligonucleotide

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<400> 18
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<220>
<223> primer

<400> 19
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<220>
<223> primer

<400> 20
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<223> primer

<400> 21
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<400> 23
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<220>
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<400> 24
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<210> 25
<211> 20
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<220>
<223> primer

<400> 25
aaatcccatc accatcttcc 20

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<400> 26
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gctctgttcc caggac 16

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<210> 29
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<400> 29
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<400> 30
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<400> 31
ggtcagttgg atttgc 16

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<400> 32
tgctgctcct gctgac 16

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<400> 34
ccagatgcaa tcaatgcc 18

<210> 35
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<400> 35

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Ala Gly Ala Ser Val Ala Thr Glu Leu Arg Cys Gln Cys Leu Gln Thr	
35 40 45	
Leu Gln Gly Ile His Pro Lys Asn Ile Gln Ser Val Asn Val Lys Ser	
50 55 60	
Pro Gly Pro His Cys Ala Gln Thr Glu Val Ile Ala Thr Leu Lys Asn	
65 70 75 80	
Gly Arg Lys Ala Cys Leu Asn Pro Ala Ser Pro Ile Val Lys Lys Ile	
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agacacacagct gcagaggcca cctggattgt gcctaattgtg tttgagcata gcttaggaga 540	

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 ttGAAATGTC aACCCCAAGT tagtTCAATC tggattCATA ttaATTtGA aggtAGAATG 720
 ttTCAAAATG ttCTCCAGTC attatGTTA tatttCTGAG gAGCCTGCAA catGCCAGCC 780
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 gaATGTATGT gcACATCTGT ttGTAACTG tttAGATGAA tGTCAGTTGT tatttATTGA 900
 aATGATTCA cAGTGTGTGG tcaACATTc tcatGTTGAA actTTAAGAA ctaAAATGTT 960
 ctaAAATATCC ctTGGACATT ttATGTCTT CTTGTAAGGC atACTGCCTT gTTAATGTT 1020
 agTTTACAG tGTTTCTGGC ttAGAACAAA gGGGCTTAAT tattGATGTT ttcATAGAGA 1080
 atataAAAT aaAGCACTTA tag 1103

<210> 40
 <211> 114
 <212> PRT
 <213> Homo sapiens

<400> 40
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 Pro Leu Ala Ser Ala Gly Pro Val Ser Ala Val Leu Thr Glu Leu Arg
 35 40 45
 Cys Thr Cys Leu Arg Val Thr Leu Arg Val Asn Pro Lys Thr Ile Gly
 50 55 60
 Lys Leu Gln Val Phe Pro Ala Gly Pro Gln Cys Ser Lys Val Glu Val
 65 70 75 80
 Val Ala Ser Leu Lys Asn Gly Lys Gln Val Cys Leu Asp Pro Glu Ala
 85 90 95
 Pro Phe Leu Lys Lys Val Ile Gln Lys Ile Leu Asp Ser Gly Asn Lys
 100 105 110
 Lys Asn

<210> 41
 <211> 1547
 <212> DNA
 <213> Homo sapiens

<400> 41
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<210> 42
 <211> 99
 <212> PRT
 <213> Homo sapiens

<400> 42
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 20 25 30
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 35 40 45
 Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro His Cys Ala Asn Thr
 50 55 60
 Glu Ile Ile Val Lys Leu Ser Asp Gly Arg Glu Leu Cys Leu Asp Pro
 65 70 75 80
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 85 90 95
 Glu Asn Ser

<210> 43
 <211> 1639
 <212> DNA
 <213> Homo sapiens

<400> 43
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 gaactgagag tgattgagag tggaccacac tgcgcacaaca cagaaattat tggtaaagctt 300
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<210> 44
 <211> 99
 <212> PRT
 <213> Homo sapiens

<400> 44
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 20 25 30
 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
 35 40 45
 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
 50 55 60
 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
 65 70 75 80
 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
 85 90 95
 Pro Lys Thr

<210> 45
 <211> 757
 <212> DNA
 <213> Homo sapiens

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 tcattccca agggctcgct cagccagatg caatcaatgc cccagtcaacc tgctgttata 180
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 <212> PRT
 <213> Homo sapiens

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 20 25 30
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 35 40 45
 Leu Gln Gly Ile His Leu Lys Asn Ile Gln Ser Val Lys Val Lys Ser
 50 55 60
 Pro Gly Pro His Cys Ala Gln Thr Glu Val Ile Ala Thr Leu Lys Asn
 65 70 75 80

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Ile	Glu	Lys	Met	Leu	Lys	Asn	Gly	Lys	Ser	Asn					
				100					105						

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<212> DNA
<213> Homo sapiens

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<211> 532
<212> PRT
<213> Homo sapiens

<400> 48
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35 40 45
Ser Thr Ser Cys Asp Gln Pro Lys Leu Leu Gly Ile Glu Thr Pro Leu
50 55 60
Pro Lys Lys Glu Leu Leu Pro Gly Asn Asn Arg Lys Val Tyr Glu
65 70 75 80
Leu Ser Asn Val Gln Glu Asp Ser Gln Pro Met Cys Tyr Ser Asn Cys
85 90 95
Pro Asp Gly Gln Ser Thr Ala Lys Thr Phe Leu Thr Val Tyr Trp Thr
100 105 110
Pro Glu Arg Val Glu Leu Ala Pro Leu Pro Ser Trp Gln Pro Val Gly
115 120 125
Lys Asn Leu Thr Leu Arg Cys Gln Val Glu Gly Gly Ala Pro Arg Ala
130 135 140
Asn Leu Thr Val Val Leu Leu Arg Gly Glu Lys Glu Leu Lys Arg Glu
145 150 155 160
Pro Ala Val Gly Glu Pro Ala Glu Val Thr Thr Val Leu Val Arg
165 170 175
Arg Asp His His Gly Ala Asn Phe Ser Cys Arg Thr Glu Leu Asp Leu

180	185	190
Arg Pro Gln Gly Leu Glu Leu Phe	Glu Asn Thr Ser Ala Pro Tyr Gln	
195	200	205
Leu Gln Thr Phe Val Leu Pro Ala Thr Pro Pro	Gln Leu Val Ser Pro	
210	215	220
Arg Val Leu Glu Val Asp Thr Gln Gly Thr Val Val Cys Ser Leu Asp		
225	230	235
Gly Leu Phe Pro Val Ser Glu Ala Gln Val His Leu Ala Leu Gly Asp		240
245	250	255
Gln Arg Leu Asn Pro Thr Val Thr Tyr Gly Asn Asp Ser Phe Ser Ala		
260	265	270
Lys Ala Ser Val Ser Val Thr Ala Glu Asp Glu Gly Thr Gln Arg Leu		
275	280	285
Thr Cys Ala Val Ile Leu Gly Asn Gln Ser Gln Glu Thr Leu Gln Thr		
290	295	300
Val Thr Ile Tyr Ser Phe Pro Ala Pro Asn Val Ile Leu Thr Lys Pro		
305	310	315
Glu Val Ser Glu Gly Thr Glu Val Thr Val Lys Cys Glu Ala His Pro		
325	330	335
Arg Ala Lys Val Thr Leu Asn Gly Val Pro Ala Gln Pro Leu Gly Pro		
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Arg Ala Gln Leu Leu Leu Lys Ala Thr Pro Glu Asp Asn Gly Arg Ser		
355	360	365
Phe Ser Cys Ser Ala Thr Leu Glu Val Ala Gly Gln Leu Ile His Lys		
370	375	380
Asn Gln Thr Arg Glu Leu Arg Val Leu Tyr Gly Pro Arg Leu Asp Glu		
385	390	395
Arg Asp Cys Pro Gly Asn Trp Thr Trp Pro Glu Asn Ser Gln Gln Thr		
405	410	415
Pro Met Cys Gln Ala Trp Gly Asn Pro Leu Pro Glu Leu Lys Cys Leu		
420	425	430
Lys Asp Gly Thr Phe Pro Leu Pro Ile Gly Glu Ser Val Thr Val Thr		
435	440	445
Arg Asp Leu Glu Gly Thr Tyr Leu Cys Arg Ala Arg Ser Thr Gln Gly		
450	455	460
Glu Val Thr Arg Glu Val Thr Val Asn Val Leu Ser Pro Arg Tyr Glu		
465	470	475
Ile Val Ile Ile Thr Val Val Ala Ala Ala Val Ile Met Gly Thr Ala		
485	490	495
Gly Leu Ser Thr Tyr Leu Tyr Asn Arg Gln Arg Lys Ile Lys Lys Tyr		
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<210> 49

<211> 2986

<212> DNA

<213> Homo sapiens

<400> 49

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